

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Masaru FUSE et al. :
Serial No. NEW : **Attn: APPLICATION BRANCH**
Filed January 6, 2004 : Attorney Docket No. 2003_1755

OPTICAL TRANSMISSION SYSTEM
AND OPTICAL TRANSMITTER AND
OPTICAL RECEIVER USED THEREFOR
(Rule 1.53(b) Divisional
of Serial No. 09/975,188,
Filed October 12, 2001)

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. 09/975,188.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☒ and submitted in the parent application in an IDS filed October 21, 2003, that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

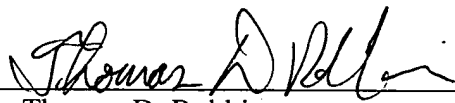
3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page ,
 - d. ☒ the concise explanation set forth in the attached English language abstract, submitted in the grand parent no. 6,335,814,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ For item AO listed on the attached form PTO-1449, reference is made to the concise explanation contained in the specification of the present application at page 1.

☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Masaru FUSE et al.

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January 6, 2004

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: January 6, 2004

ATTY DOCKET NO.
2003_1755SERIAL NO.
NEWAPPLICANT
Masaru FUSE et al.FILING DATE
January 6, 2004

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,541,755	7/1996	Noe et al.			
	AB	4,959,826	9/1990	Smith			
	AC	5,625,479	4/1997	Suzuki et al.			
	AD	6,271,950	8/2001	Hansen et al.			
	AE	5,319,438	6/1994	Kiasaleh			
	AF	5,289,550	2/1994	Plastow			
	AG	5,629,792	5/1997	Masaki			
	AH	6,335,814	1/2002	Fuse et al.			
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AJ	7-73639	3/1995	JP			abstract	
	AK	0 718 989 A2	6/1996	EP				
	AL							
	AM							
	AN							

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	K. Kikushima et al., "Optical Super Wide-Band FM Modulation Scheme and Its Application to Multi-Channel AM Video Transmission Systems", IOOC '95, PD2-7, pages 33 and 34
	AP	
	AQ	

EXAMINER

DATE CONSIDERED